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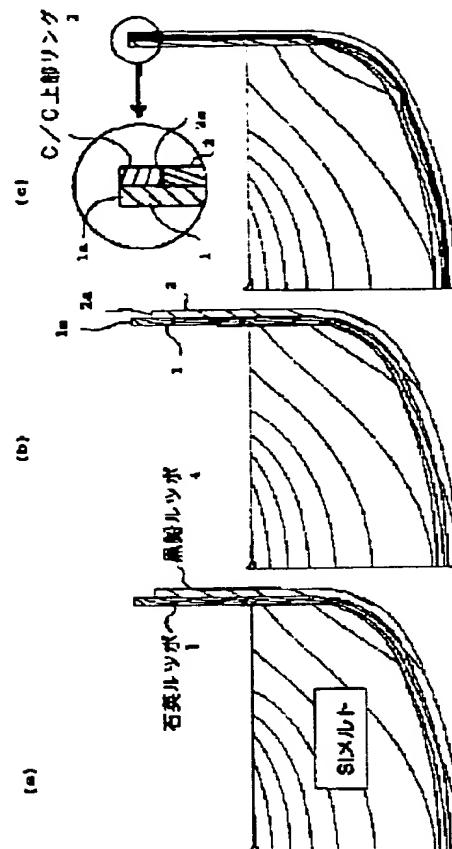
APPLICATION DATE : 04-03-99
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APPLICANT : SUPER SILICON KENKYUSHO:KK;

INVENTOR : TAKANO KIYOTAKA;

INT.CL. : C30B 15/10

TITLE : SINGLE CRYSTAL PULLER



ABSTRACT : PROBLEM TO BE SOLVED: To prevent the vicinity part at the uppermost part of a quartz crucible from falling down inside due to an elevated temperature.

SOLUTION: The quartz crucible 1 is constructed so that its upper edge 1a may become higher than the upper edge 2a of a C/C crucible 2 and an upper ring 3 is arranged on the upper edge 2a of the C/C crucible 2 so that the outer periphery near the upper edge of the quartz crucible 1 may not be exposed. The material of the upper ring 3 is made of the same one of the C/C crucible 2 so that its thermal conductivity may become lower than that of the C/C crucible.

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